

Disclosure AUS8-2001-0443

Prepared for and/or by an IBM Attorney - IBM Confidential

Created By: Bill Bodin **Created On:** 03/09/2001 11:33:32 AM
Last Modified By: Bill Bodin **Last Modified On:** 03/09/2001 12:14:05 PM



Required fields are marked with the asterisk (*) and must be filled in to complete the form.

* **Title of disclosure (in English)**

Time Mappable Shortcut Contexts

Summary

Status	Under Evaluation
Processing Location	AUS
Functional Area	52B - PRV - PERVASIVE COMPUTING (DOUG COX excluding King)
Attorney/Patent Professional	Cynthia S Byrd/Austin/IBM
IDT Team	Lupe Valadez/Austin/Contr/IBM; Leonnel Machuca/Austin/Contr/IBM
Submitted Date	03/09/2001 12:54:21 PM EST
Owning Division	PRV
Incentive Program	
Lab	
Technology Code	
PVT Score	54

Inventors with Lotus Notes IDs

Inventors: Bill Bodin/Austin/IBM, Derral Thorson/Austin/IBM

Inventor Name	Inventor Serial	Div/Dept	Inventor Phone	Manager Name
> Bodin, William K. (Bill)	514393	2C/5ZFA	678-8187	Cox, D.H. (Doug)
> Thorson, D. C. (Derral)	909180	2C4WZA	678-2748	Medlin, K.F. (Keith)

> denotes primary contact

Inventors without Lotus Notes IDs**IDT Selection**

Selected Team: IDT-Austin

IDT Team: Lupe Valadez/Austin/Contr/IBM Leonnel Machuca/Austin/Contr/IBM	Attorney/Patent Professional: Cynthia S Byrd/Austin/IBM
--------------------------------------------------------------------------------	------------------------------------------------------------

AUS8-2001-0443 Time Mappable Shortcut Contexts - continued

Response Due to IP&L : 04/09/2001***Main Idea**

1. Describe your invention, stating the problem solved (if appropriate), and indicating the advantages of using the invention.

This disclosure describes a method of establishing multiple contexts based on past, present, and future events. By coalescing calendar affiliated events into a timeline, it is then possible to use a "slider bar" application paradigm to position a persons current context into any event that has occurred, is occurring or has yet to occur.

2. How does the invention solve the problem or achieve an advantage.(a description of "the invention", including figures inline as appropriate)?

This invention has to do with a category of technology called "Memory Prosthetics". In a specific implementation, one can envision a network enabled PDA or Personal Digital Assistant having the capability of storing a number of shortcut "gestures". These gestures are then used call back specific words or phrases or other detailed digital data.

This invention allows for these shortcuts to take on a dynamic context. When a particular time relevancy is established by the user, a server facilitated coupling process is initiated providing a linkage between the shortcut and the relevant data items derived from the calendar data.

Consider this simple example in which an individual may be attempting to recollect specific pieces of information which were relevant last Tuesday morning .

A shortcut exists which represents the collective participants in a particular meeting. This shortcut always has this particular meaning. However, when the user selects a particular time reference (i.e. last Tuesday at 10:00 a.m.) this gesture based shortcut takes on the meaning of displaying all of the participants in last Tuesday's meeting.

3. If the same advantage or problem has been identified by others (inside/outside IBM), how have those others solved it and does your solution differ and why is it better?

4. If the invention is implemented in a product or prototype, include technical details, purpose, disclosure details to others and the date of that implementation.

Critical Questions (Questions 1-9 must be answered)** Question 1**

On what date was the invention workable? 02/01/2001 Please format the date as MM/DD/YYYY
(Workable means i.e. when you know that your design will solve the problem)

*** Question 2**

Is there any planned or actual publication or disclosure of your invention to anyone outside IBM?

Yes

No

If yes, Enter the name of each publication or patent and the date published below.
Publication/Patent:

AUS8-2001-0443 Time Mappable Shortcut Contexts - continued

Date Published or Issued:		
Are you aware of any publications, products or patents that relate to this invention?		
<input type="radio"/> Yes <input checked="" type="radio"/> No		
If yes, Enter the name of each publication or patent and the date published below.		
Publication/Patent:		
Date Published or Issued:		
*Question 3 Has the subject matter of the invention or a product incorporating the invention been sold, used internally in manufacturing, announced for sale, or included in a proposal? <input type="radio"/> Yes <input checked="" type="radio"/> No		
Is a sale, use in manufacturing, product announcement, or proposal planned? <input type="radio"/> Yes <input checked="" type="radio"/> No		
If Yes, identify the product if known and indicate the date or planned date of sale, announcements, or proposal and to whom the sale, announcement or proposal has been or will be made.		
Product:		
Version/Release:		
Code Name:		
Date:		
To Whom:		
If more than one, use cut and paste and append as necessary in the field provided.		
*Question 4 Was the subject matter of your invention or a product incorporating your invention used in public, e.g., outside IBM or in the presence of non-IBMers? <input type="radio"/> Yes <input checked="" type="radio"/> No		
If yes, give a date. Please format the date as MM/DD/YYYY <input type="radio"/> Yes <input checked="" type="radio"/> No		
*Question 5 Have you ever discussed your invention with others not employed at IBM? <input type="radio"/> Yes <input checked="" type="radio"/> No		
If yes, identify individuals and date discussed. Fill in the text area with the following information, the names of the individuals, the employer, date discussed, under CDA, and CDA #.		
*Question 6 Was the invention, in any way, started or developed under a government contract or project? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Not sure		
If Yes, enter the contract number		
*Question 7 Was the invention made in the course of any alliance, joint development or other contract activities? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Not Sure		
If Yes, enter the following (in English):		
Name of Alliance, Contractor or Joint Developer		
Contract ID number		
Relationship contact name		
Relationship contact E-mail		
Relationship contact phone		

AUS8-2001-0443 Time Mappable Shortcut Contexts - continued

***Question 8**

Have you, or any of the other inventors, submitted this same invention disclosure or similar invention disclosure previously?

If Yes, please provide disclosure number below:

Yes
 No

***Question 9**

Are you, or any of the other inventors, aware of any related inventions disclosures submitted by anyone in IBM previously?

If Yes, please provide the docket or disclosure number or any other identifying information below:

Yes
 No

Question 10

What type of companies do you expect to compete with inventions of this type? *Check all that apply.*

- Manufacturers of enterprise servers
- Manufacturers of entry servers
- Manufacturers of workstations
- Manufacturers of PC's
- Non-computer manufacturers
- Developers of operating systems
- Developers of networking software
- Developers of application software
- Integrated solution providers
- Service providers
- Other (Please specify below)

Question 11

If the invention relates to a product or service that is outside the scope of your business unit, please recommend IBM business unit(s), IBM location(s) or individual(s) within IBM that you think would provide a good evaluation of your invention:

Patent Value Tool (Optional - this may be used by the inventor and attorney to assist with the evaluation.)
(The Patent Value tool can be used by the inventor(s) to determine the potential licensing value of your invention.)

These are the answers which were entered into the Patent Value Tool. If you would like to modify these answers and recalculate the PVT score, click on the 'Calculate' button.

Market

What is the anticipated annual market size (in dollars) that will be captured by your invention?

\$1B to \$5B

CLAIMS

Question 1 - How new is the technical field?

Emerging

Question 2 - How central is the invention to the product(s) which might be expected to contain the invention?

Essential

AUS8-2001-0443 Time Mappable Shortcut Contexts - continued

Question 3 - What is the scope of the claim?
Fundamental

PORTFOLIO NEED

What are the portfolio needs in the area of your invention?
Listed in PPM Needs

EXPLOITATION & ENFORCEMENT

Question 1 - How easily can the use of the invention by a competitor be detected?

With work

Question 2 - How easily can the use of the invention be avoided by a competitor?
With much work

BUSINESS VALUE

Question 1 - What percentage of the companies producing products in the field of this invention might use this invention?

Broadly cloned

Question 2 - What is the value of this patent to current or anticipated Alliance Activity between IBM and other companies?

High value

Question 3 - What is the value of this patent to current or anticipated Technology Transfer Activity between IBM and other companies?

High value

Question 4 - Does it result in prestige to IBM?

Industry wide

Post Disclosure Text & Drawings

Enter any additional information relating to this disclosure below:

(Form Revised 12/17/97)

Biggers & Ohanian, LLP

Patent Attorneys
 P.O. Box 1469
 Austin, Texas 78767-1469
 (512) 472-9881
 cathy@biggerstlaw.com

RECEIVED
 CENTRAL FAX CENTER

JAN 20 2006

FACSIMILE TRANSMITTAL SHEET

DATE: January 20, 2006

TO: Mail Stop: Amendment
Examiner Ly **Group Art Unit:** 2162

COMPANY: United States Patent and Trademark Office

FACSIMILE NO: 571-273-8300

FROM: H. Artoush Ohanian, Reg. No. 46,022

RE: Response/Amendment to OA **Atty. Docket No.:** AUS920010464US1
dated October 20, 2005; Title: (010)
“Shortcut Enabled, Context
Aware Information
Management”

SERIAL NO.: 10/046,941 **CUSTOMER NO.:** 34533

NUMBER OF

PAGES: (Including Cover) 18

COMMENTS: Please see attached.

Certificate of Transmission by Facsimile under 37 C.F.R. 1.8

I hereby certify that this correspondence is being transmitted via facsimile to Commissioner for Patents at 571-273-8300 on the date of signature below.

Catherine Berglund
 Catherine Berglund

January 20, 2006
 Date

Confidentiality Notice: Unless otherwise indicated or obvious from the nature of the transmittal, the information contained in this facsimile message is attorney-client privileged and confidential information intended only for the use of the intended recipient named above. If you are not the intended recipient, then any dissemination, distribution, or copying of this communication is strictly prohibited. If you received this distribution in error, please immediately notify the sender by telephone at our expense.

RECEIVED
CENTRAL FAX CENTER

JAN 20 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 18

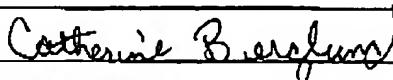
Application Number	10/046,941
Filing Date	01/15/2002
First Named Inventor	William K. Bodin
Art Unit	2162
Examiner Name	Ly, Anh
Attorney Docket Number	AUS920010464US1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile Cover Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
The Commissioner is authorized to charge or credit Deposit Account No. 09-0447.		
Customer No. 34533.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	BIGGERS & OHANIAN, LLP	
Signature		
Printed name	H. Artopush Ohanian	
Date	January 20, 2006	Reg. No. 46,022

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature



Typed or printed name

Catherine Berglund

Date January 20, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.